

The diagram illustrates a system architecture for providing anonymous services, involving a Shop, an Anonymous service provider, an Accounting organization, and a Customer.

Shop (24): Contains a Dispatching system (100), Stock management system (23), Order receiving/accounting system (22), and a Web server (21). It also includes an Order DB (26) and an Article DB (25).

Anonymous service provider (1): Contains a Delivery management system (15), Number generation system (14), and Member management system (12). It is connected to a Membership DB (13) and a Delivery DB (16).

Accounting organization (4): Contains an Accounting system (41) and an Electronic money DB (42).

Customer (3): Contains a Clip board (34), a Browser (32), and a Number request program (33).

Network (5): Connects the Shop, Anonymous service provider, and Accounting organization.

VPN or dedicated line (6): Connects the Shop and the Accounting organization.

Customer (31): Shown using a laptop, interacting with the system.

T1

(a) Member information table

Member number	Password	Last name	First name	Phonetic transcription of last name	Phonetic transcription of first name	Postal code	Prefecture	District/city/village	Address	Telephone number
00000001	*****	Suzuki	Taro	Suzuki	Taro	242-8502	Kanagawa-ken	Yamato-shi	Shimo-tsushima 1623-14	123-456-7890

T2

(b) ID information table

Anonymous ID	Generation date	Member number	Status	Sender	Slip number	Delivery completed date
53eHcXqkM	2000/04/28 13:00	00000001	During delivery	0022021	023456	
gB9w7C5Qn	2000/04/28 13:01	00000002	Unused			

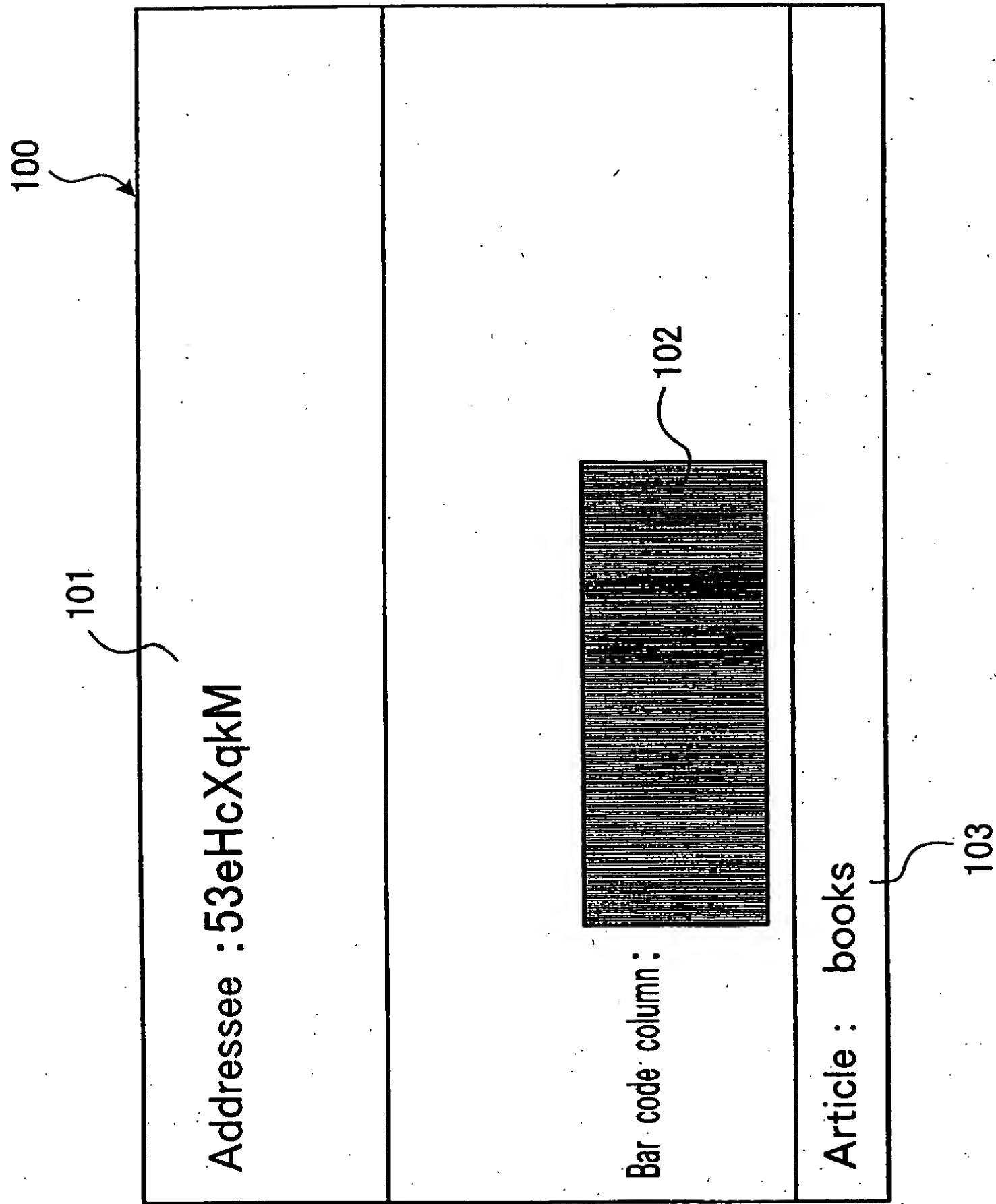


Fig. 3

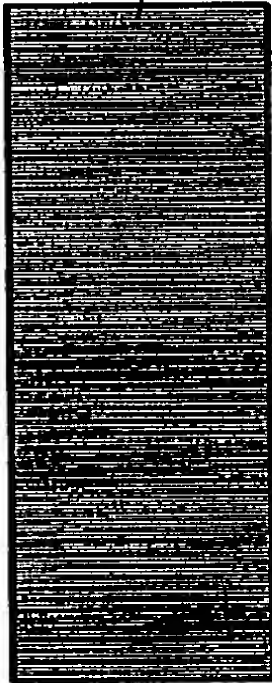
<p>200</p> <p>Addressee</p> <p>Address : 1623-14 Shimo-tsuruma, Yamato-shi, Kanagawa-ken 242-8502</p> <p>Name : Taro Suzuki</p> <p>Telephone number : 123-456-7890</p> <p>201</p>	<p>202</p> <p>Sender :</p> <p>IBM Trading Co., Ltd. : 53eHcXqkM</p>	<p>Bar code column :</p> <p>203</p> 	<p>Article : books</p> <p>204</p>
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Fig. 4

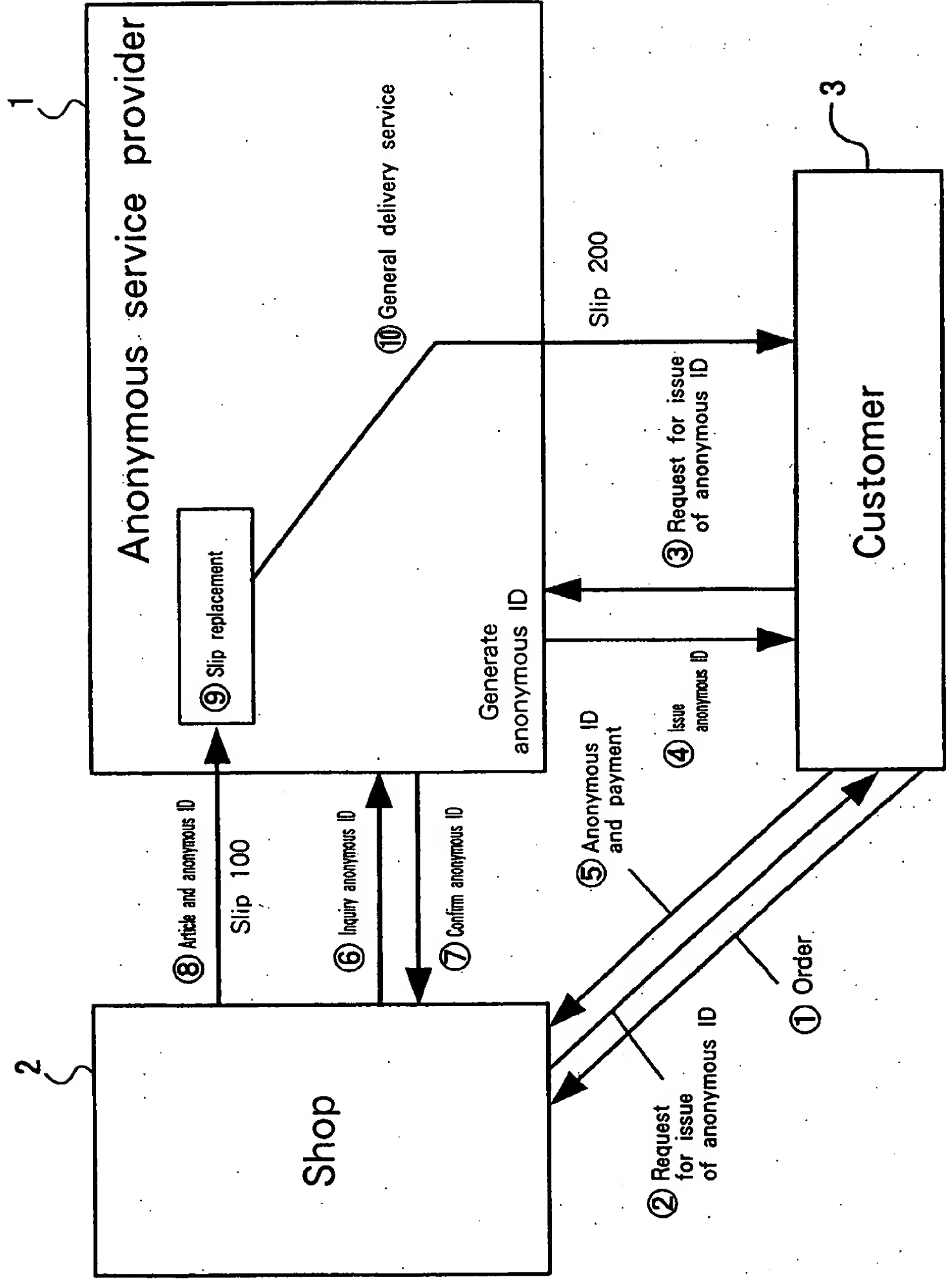


Fig. 5

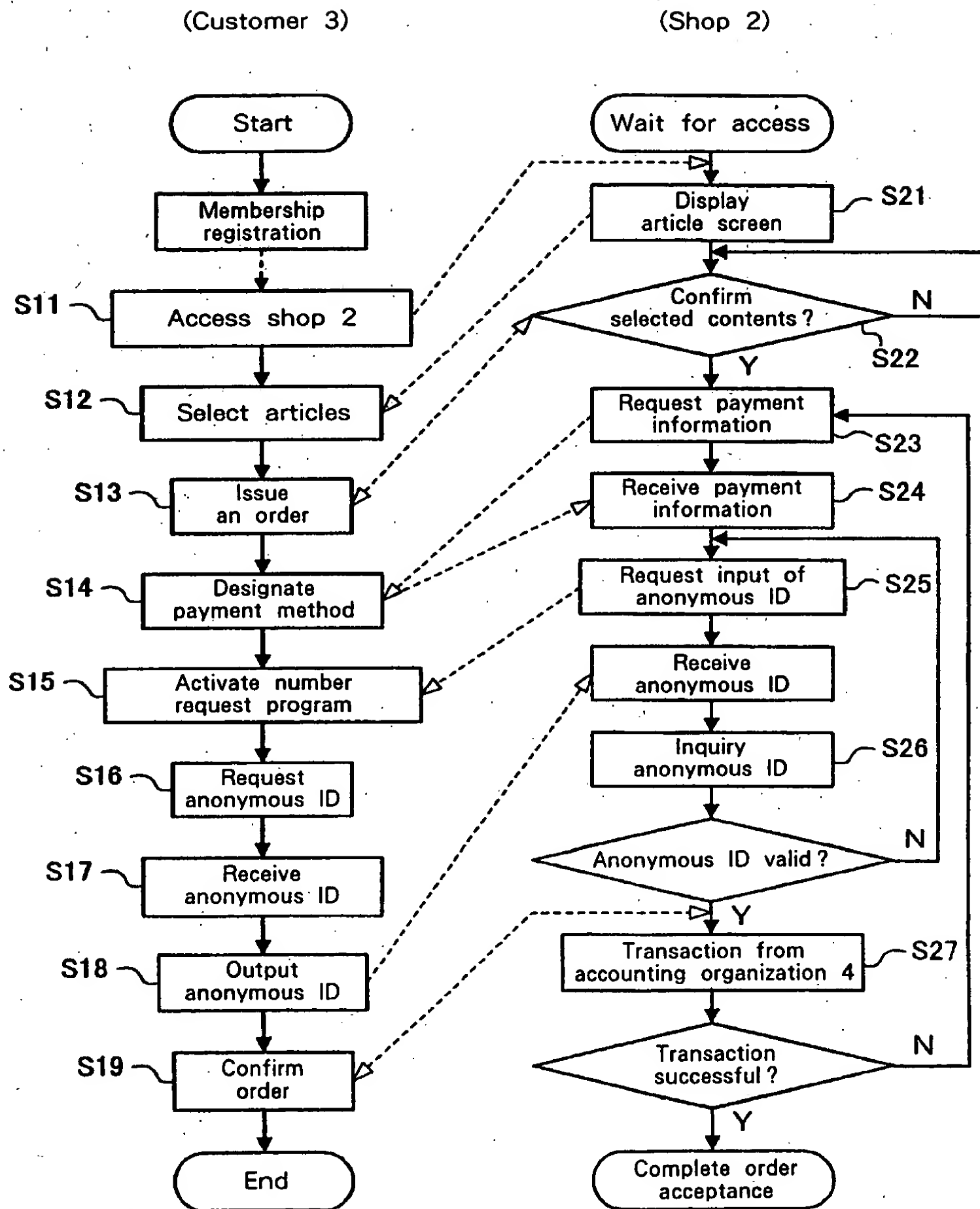


Fig. 6

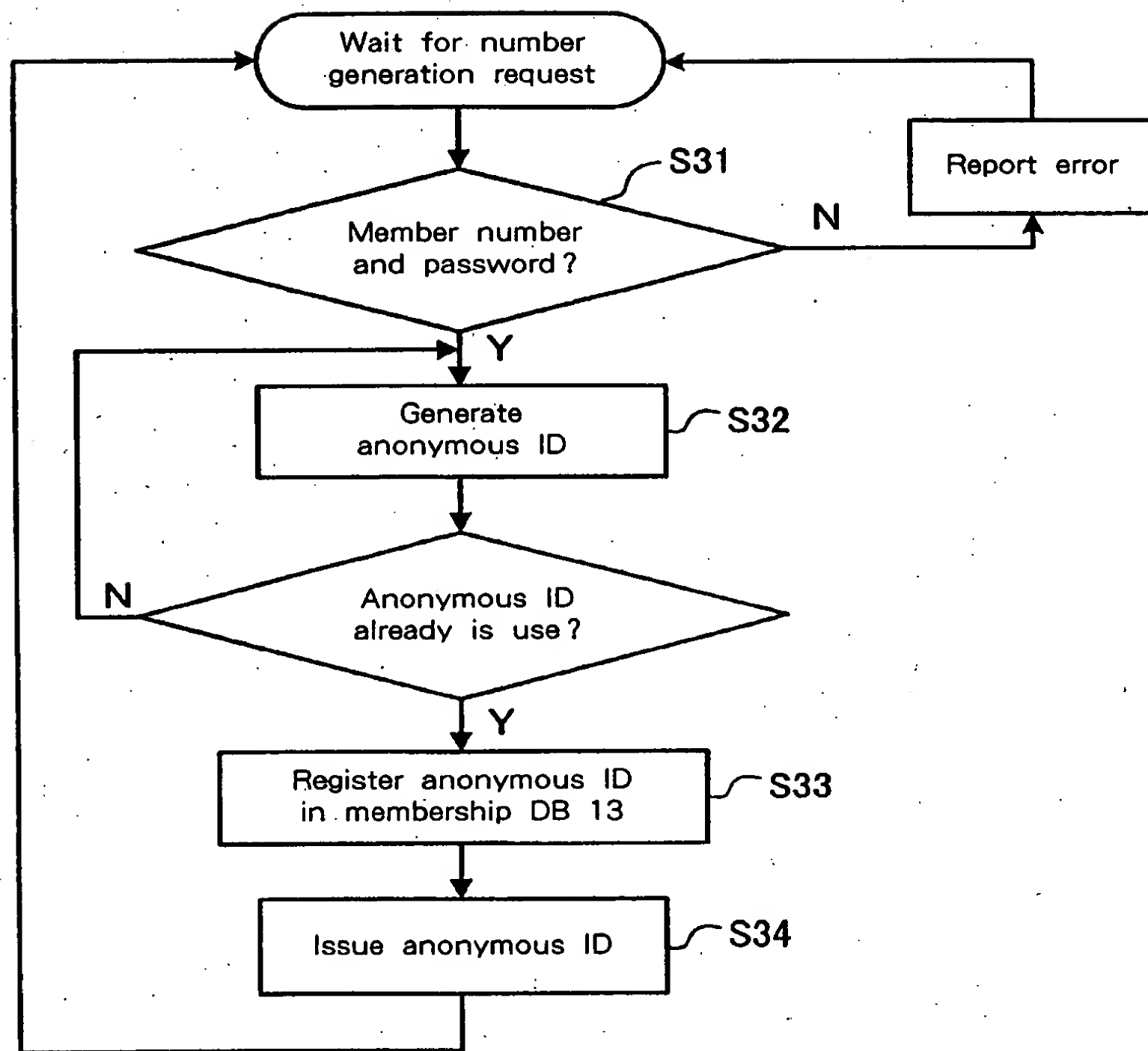


Fig. 7

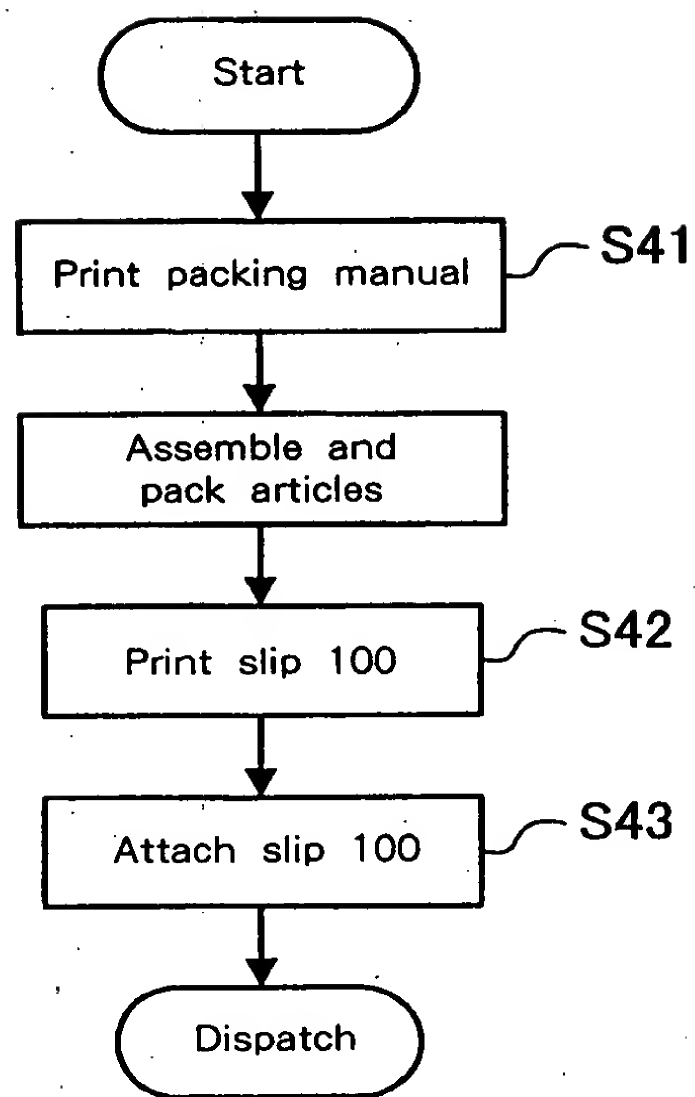


Fig. 8

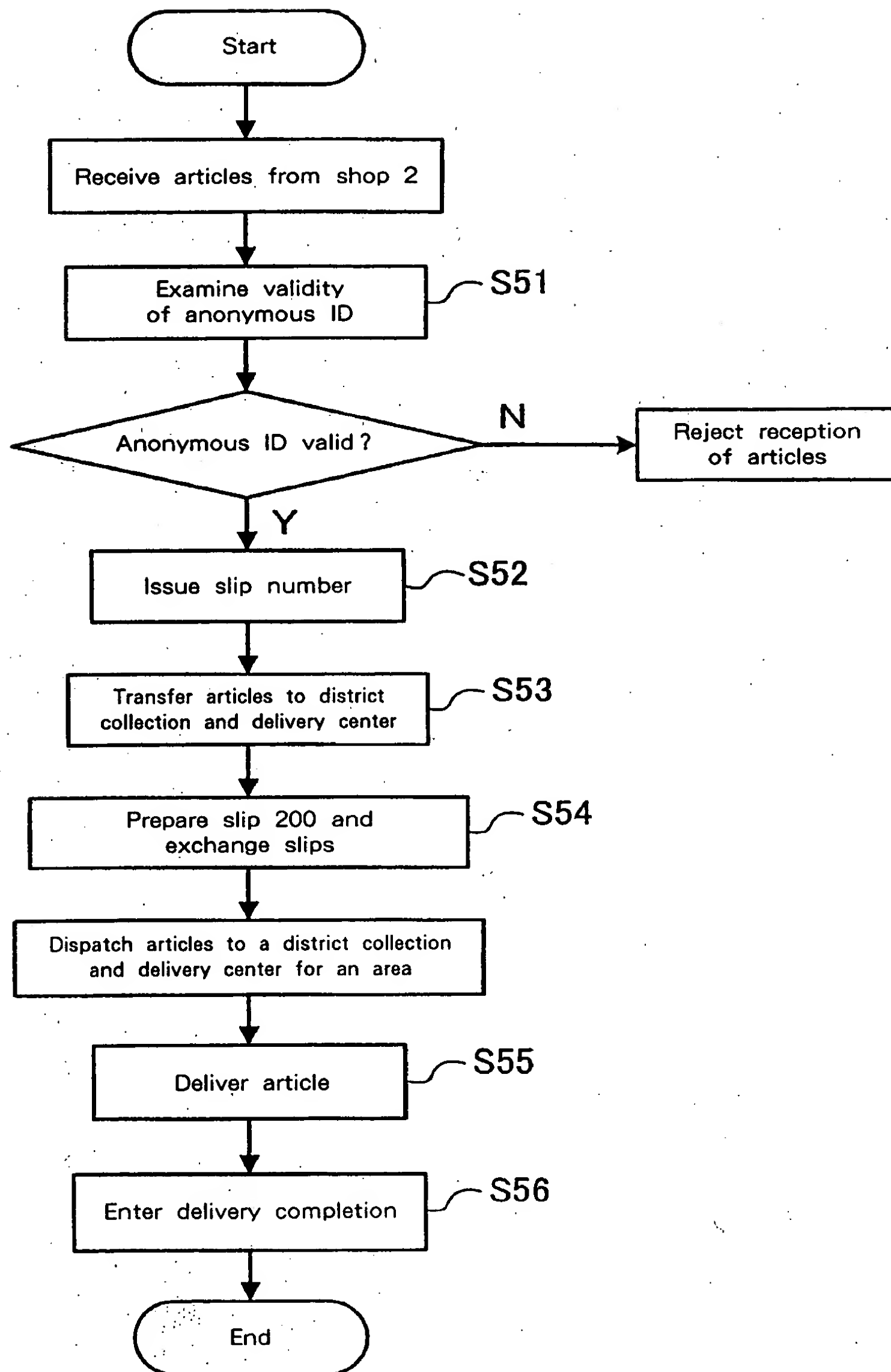


Fig. 9

Shop 2			Where (from which shop)	What
Anonymous service provider 1	Who		Where	
Accounting organization 4	?		Where	
Customer 3	Who (himself or herself)		Where	What

Fig. 10

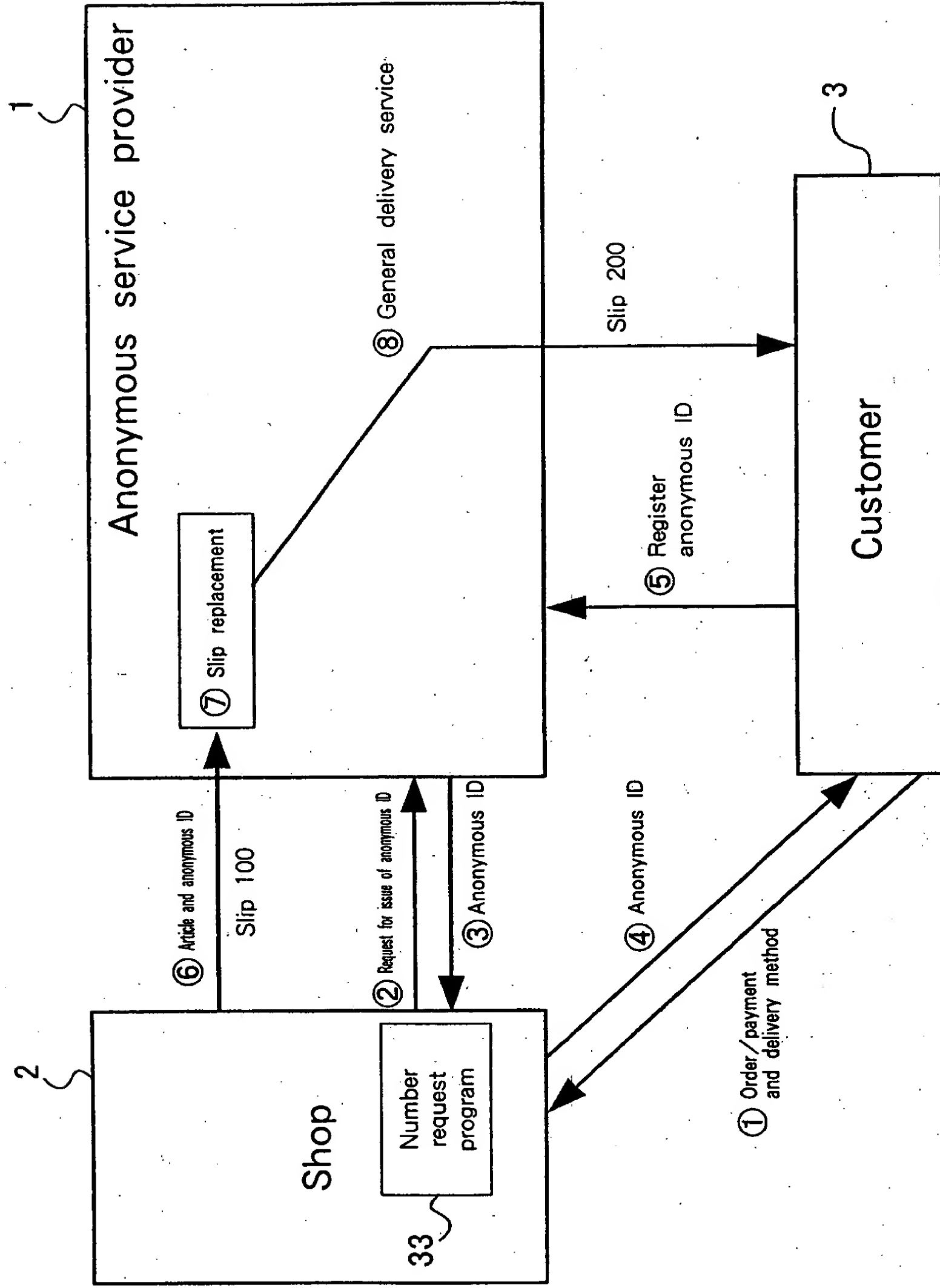


Fig. 11

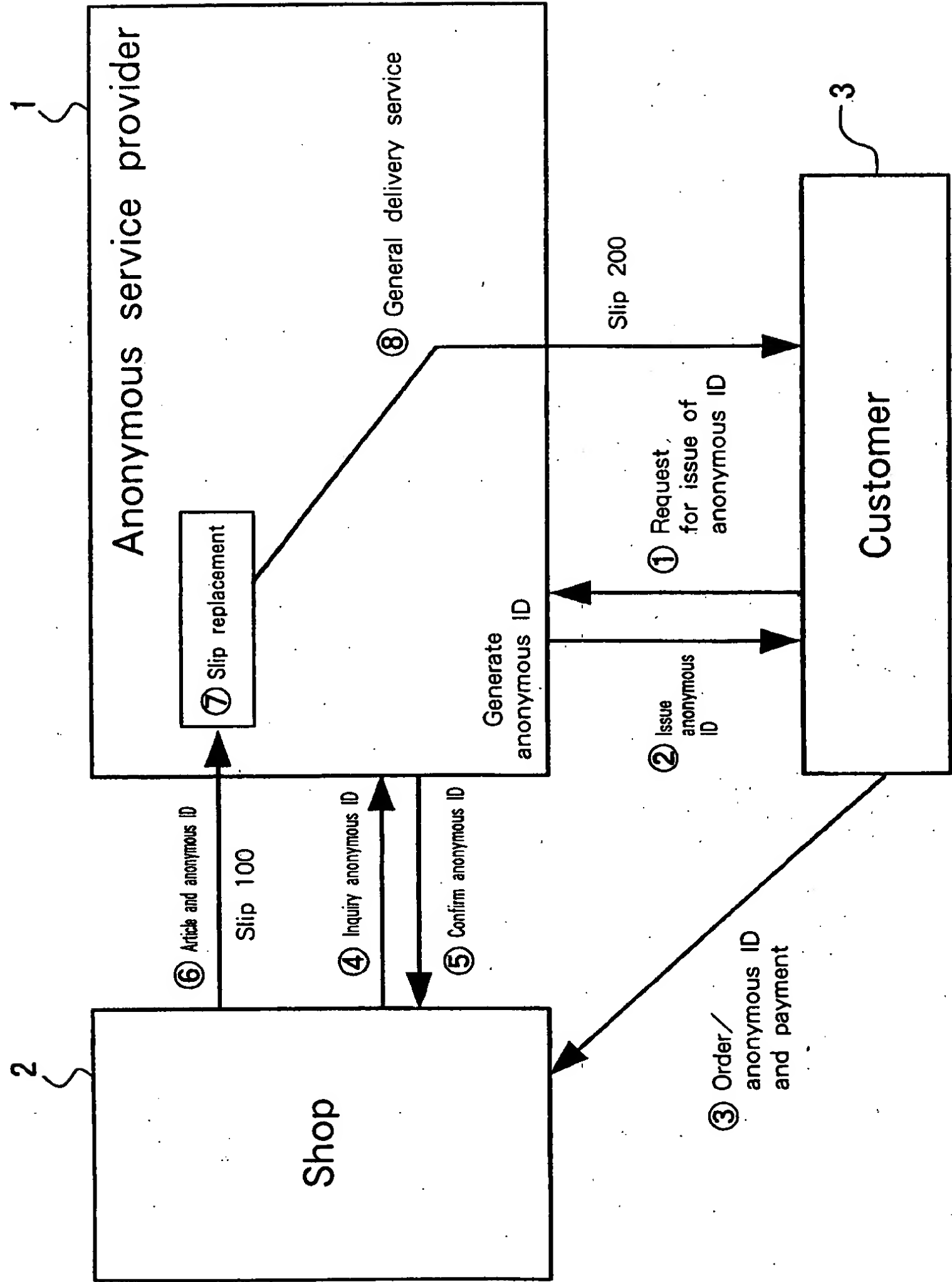


Fig. 12

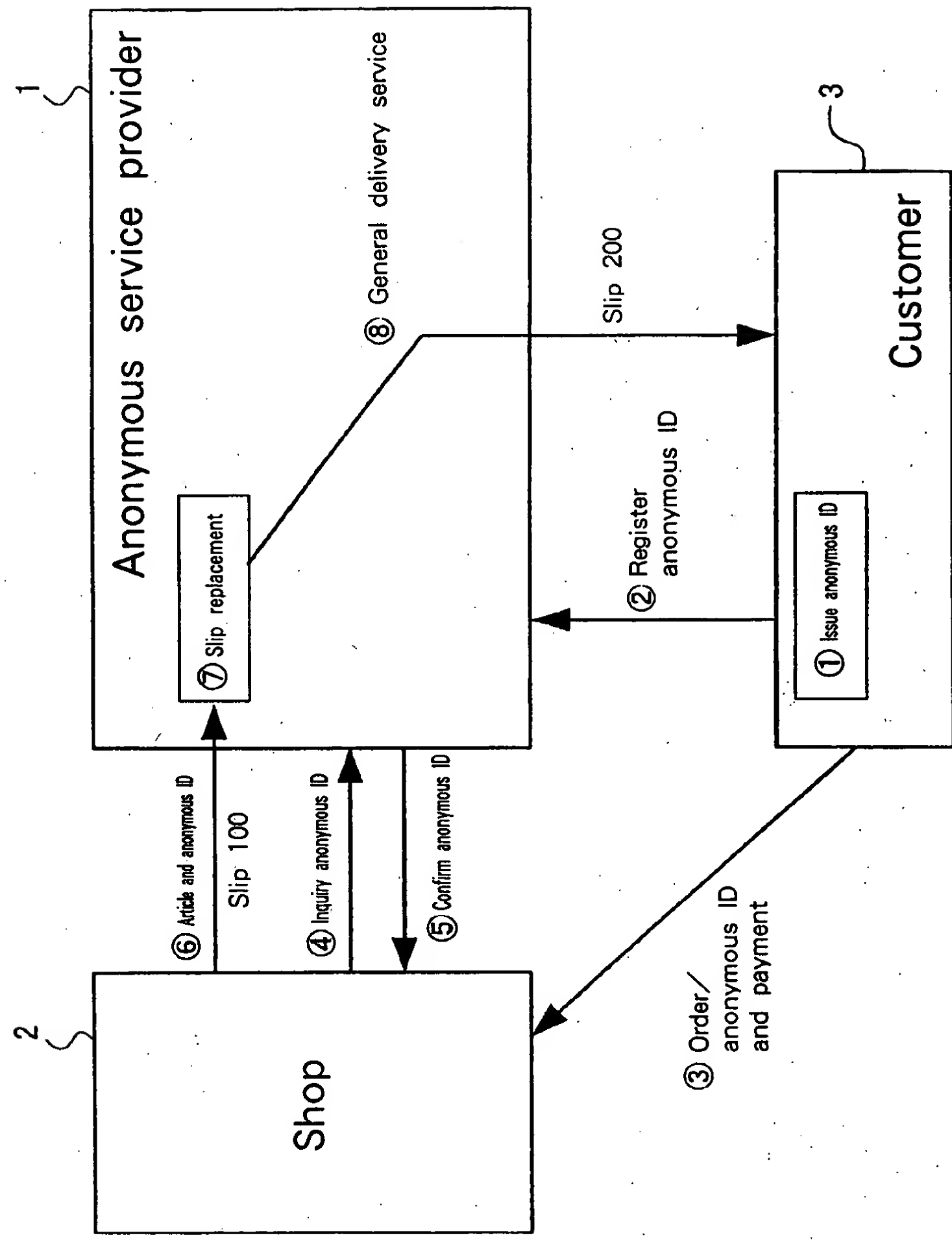


Fig. 13

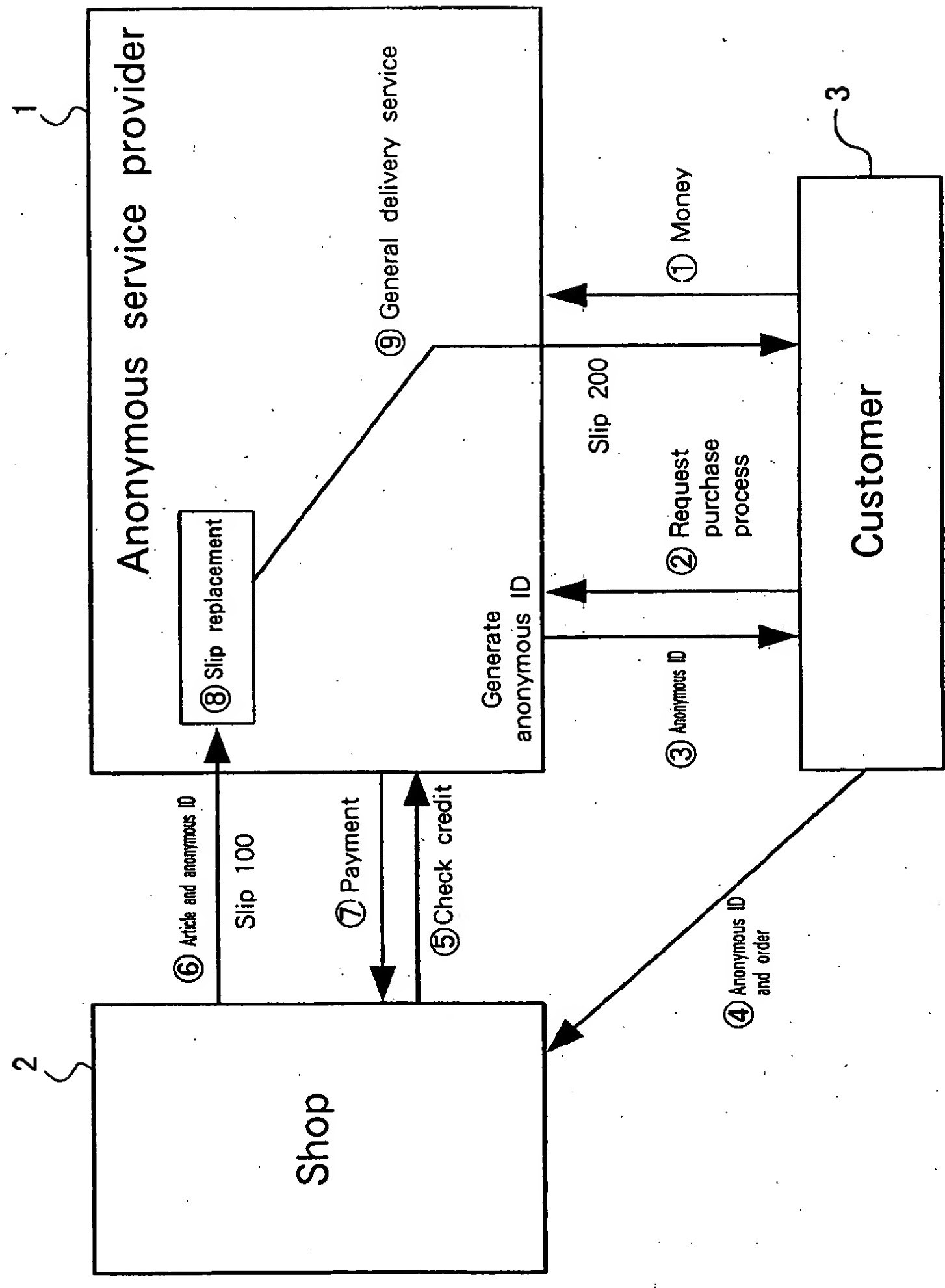


Fig. 14